

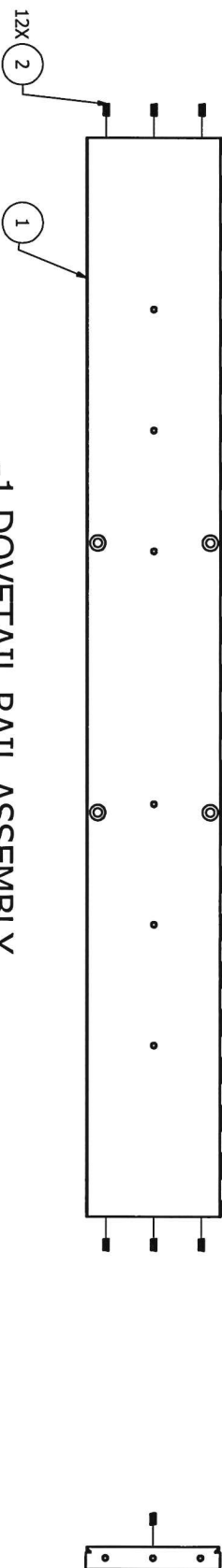
REVISION HISTORY				1		
DESCRIPTION				AUTHOR	CHECKED BY	APPROVED
DATE	REV	INITIAL RELEASE		BNS	LS	REB
08/06/08	N/C	ADDED NAS1551-4-12P, 407BF-2600-5. NAS1149D0432K ON RAIL SIDE WERE 92141A029 & 91860A029. NAS1149F0632P WAS NAS1149D0632K. AN4-10A WAS AN4-7A. MS27039-1-11 WAS MS27039-1-08. ADDED NAS1149F0363P. CRCTN: -1 ASSY. WAS INDICATED 19 LBS.		REB	LS	REB
04/29/09	A	REMOVED 12X MS21209C1-20 (OPT) AND ASSOC'D HOLES. MOVED ALL COMPONENTS OF SUPPORT STRUTS AND ES35150-1 FITTINGS TO -112 DWG. ADDED -2 DOVETAIL RAIL. ADDED CTR DIM 6.00, DETAIL A DIM 0.56 WAS 0.563. ADDED THRD LOCK SH.1/REMOVED DIM REDUNCIES, ADDED 125 MAX SH. 2.		REB	LS	REB
10/19/10	B	ADDED SIX (-10) AND TWO (-11) 1/4-28 HELICAL COIL GROUNDING STRAP HOLES AND SHT3		REB	LS	REB
07/06/11	C	CLEANED UP HELICOIL TAP SPECN FOR CLARITY, NO CHANGE TO PART		TN	LS	REB
07/17/12	C ECO 1	REFORMATTED DRAWING. CORRECTED 1/4-20 HOLES TO 1/4-28 ON -10 AND -12.		REB	LS	REB
4/11/22	D			DT	LS	DT

CONFIDENTIAL INFORMATION
THE INFORMATION AND DATA CONTAINED HEREIN IS
PROPERTY AND IS SUBMITTED IN CONFIDENCE; AND
SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR
ANY OTHER PURPOSE WITHOUT THE WRITTEN
CONSENT OF PARAVION TECHNOLOGY, INC.

UNLESS OTHERWISE SPECIFIED DRAWING INTERPRETED PER ASME Y14.100-2004 DIMENSIONS INTERPRETED AS UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES		APPROVALS		DATE		DOVETAIL RAIL ASSEMBLY	
SURFACE FINISHES: <input checked="" type="checkbox"/> REMOVE BURRS & BREAK EDGES 0.005 TO 0.015		DRAWN DT		4/11/22		DRAWING NUMBER C208ELP-2210	
THREADS XX ±.01 XX ±.005 XX ±.001 ANGLES 21°		CHECKED ZA		4/11/22		CAGE CODE 3CMA0	
APPROVED DT		4/11/22		THIRD ANGLE PROJECTION		REV D	
© 2022 PARAVION TECHNOLOGY, INC. TRADEMARK OF PARAVION, INC.		2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com		SHEET 1 OF 6			

- NOTES:
1. APPLY PROTECTIVE FINISH TO BARE MATERIAL AS FOLLOWS:
PREP SURFACE PER MIL-DTL-5541 USING MIL-DTL-81706.
SURFACE TREATMENT PER MFR'S INSTRUCTIONS.
 2. FINISH USING MIL-PRF-23377 TYPE 1 OR MIL-PRF-85582 TYPE 1 PRIMER,
MIL-85285 TYPE 1 OPTIONAL. FINISH PER MFR'S INSTRUCTIONS AS APPLICABLE.

-1 DOVETAIL RAIL ASSEMBLY



BREAK ALL SHARP EDGES

CONFIDENTIAL INFORMATION
THE INFORMATION AND DATA CONTAINED HEREIN IS
PROPRIETARY AND IS SUBMITTED IN CONFIDENCE; AND
SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR
ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

ITEM		QTY	PART NUMBER	DESCRIPTION
1	1	1	C208ELP-2210-10	DOVETAIL RAIL
2	12	12	MS21209F4-20	HELICOIL

UNLESS OTHERWISE SPECIFIED DRAWING INTERPRETED PER ASME Y14.100-2004 DIMENSIONS INTERPRETED AS DECIMAL INCHES DIMENSIONS IN INCHES		APPROVALS	DATE
SURFACE ROUGHNESS REMOVE BURNS & BREAK EDGES 0.005 TO 0.015 X 1:1 XX ±0.01 XXX ±0.02 ANGLES 3:1		DRAWN DT	4/11/22
THERMOS CLASS 38 EXTERNAL CLASS 2A		CHECKED ZA	4/11/22
APPROVED DT		APPROVED DT	4/11/22

© 2022 PARAVION TECHNOLOGY, INC. TRADEMARK OF PARAVION OF TECHNOLOGY, INC.		THIRD ANGLE PROJECTION	DRAWING NUMBER C208ELP-2210	CAGE CODE 3CMA0	REV D	ECO
DOVETAIL RAIL ASSEMBLY			DO NOT SCALE DRAWING			

Paravion® Inc. 2001 AIRWAY AVENUE
FORT COLLINS, CO 80524
www.paravion.com

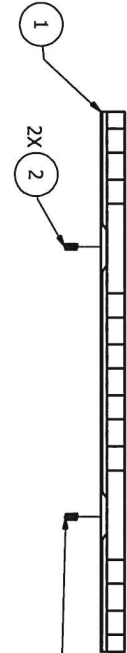
4

3

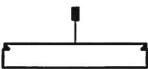
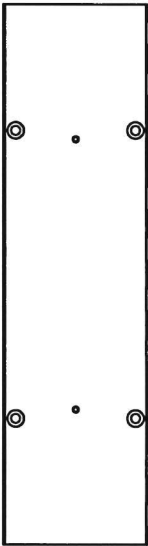
2

1

- NOTES:
1. APPLY PROTECTIVE FINISH TO BARE MATERIAL AS FOLLOWS:
PREP SURFACE PER MIL-DTL-5541 USING MIL-DTL-81706.
SURFACE TREATMENT PER MFR'S INSTRUCTIONS.
 2. FINISH USING MIL-PRF-23377 TYPE 1 OR MIL-PRF-85582 TYPE 1 PRIMER,
MIL-85285 TYPE 1 OPTIONAL. FINISH PER MFR'S INSTRUCTIONS AS APPLICABLE.



INSTALL 2X MS21209F4-20
USING PERMATEX/LOCTITE THREADLOCKER (RED)
(P/N 26250) OR EQUIV PER MFR INSTRUCTIONS



-2 DOVETAIL RAIL ASSEMBLY

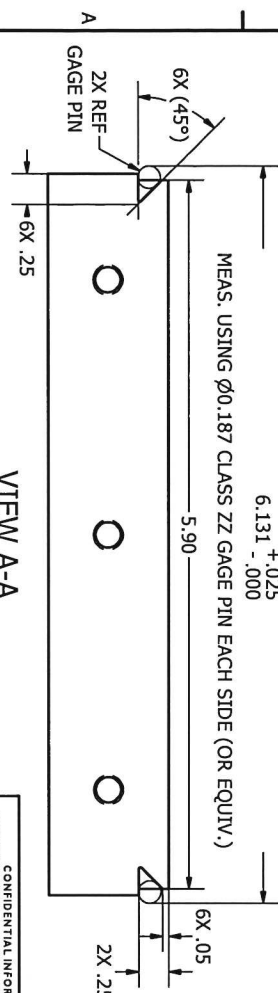
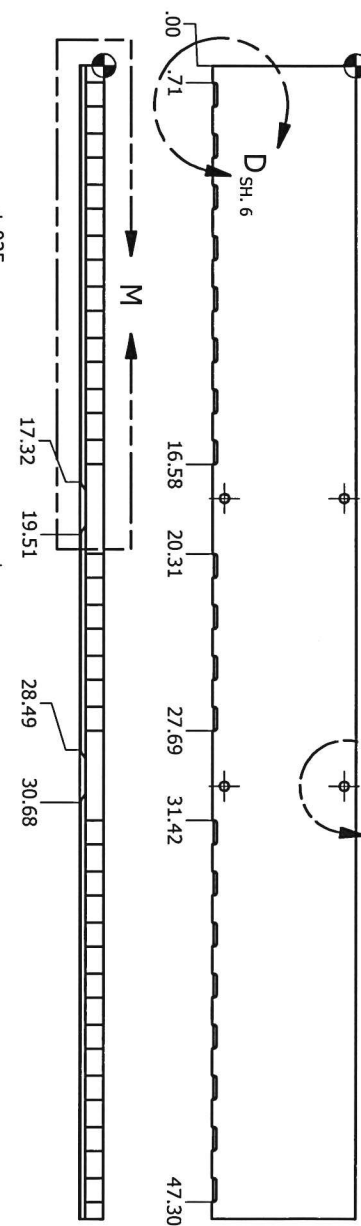
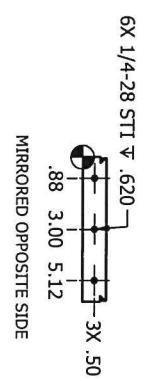
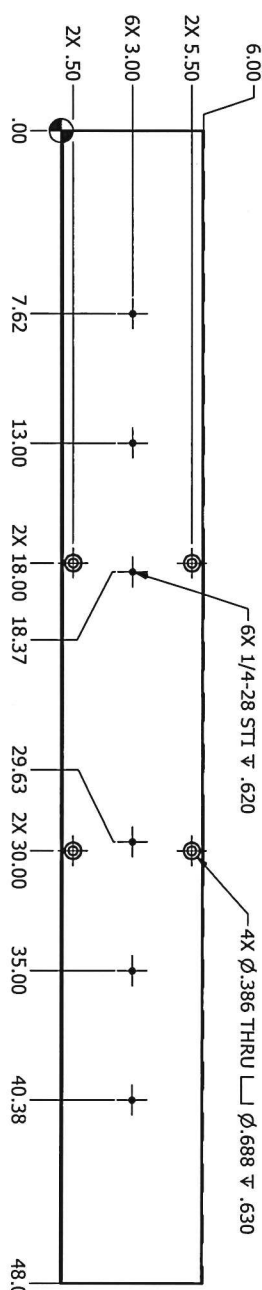
C208ELP-2210-2 BOM				PART NUMBER		DESCRIPTION	
ITEM	QTY						
1	1			C208ELP-2210-12		DOVETAIL RAIL	
2	2			MS21209F4-20		HELICOIL	
UNLESS OTHERWISE SPECIFIED DRAWING INTERPRETED PER ASME Y14.100-2004 DIMENSIONS INTERPRETED UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES SURFACE FINISHNESS: $\sqrt{}$ REMOVE BURNS & BREAK EDGES 0.005 TO 0.015 X ±.1 XX ±.01 XXX ±.005 ANGLES: 30° EXTERNAL, CLASS 2A				APPROVALS		DATE	
				DRAWN	DT	4/11/22	
				CHECKED	ZA	4/11/22	
				APPROVED	DT	4/11/22	
				© 2022 PARAVION TECHNOLOGY, INC. TRADEMARK OF PARAVION IS A TECHNOLOGY, INC.		THIRD ANGLE PROJECTION	
				Paravion® Technology Inc.		2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com	
				DOVETAIL RAIL ASSEMBLY		DRAWING NUMBER C208ELP-2210	
						CAGE CODE 3CMA0	
						REV D	
						ECO	

BREAK ALL SHARP EDGES

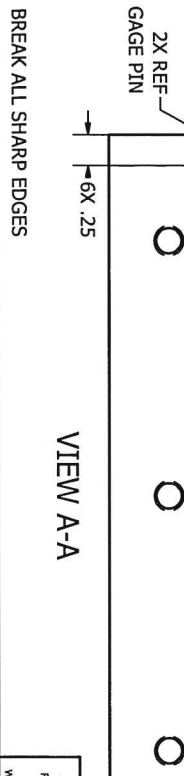
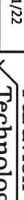
CONFIDENTIAL INFORMATION
THE INFORMATION AND DATA CONTAINED HEREIN IS
PROPRIETARY AND IS SUBMITTED IN CONFIDENCE, AND
SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR
ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

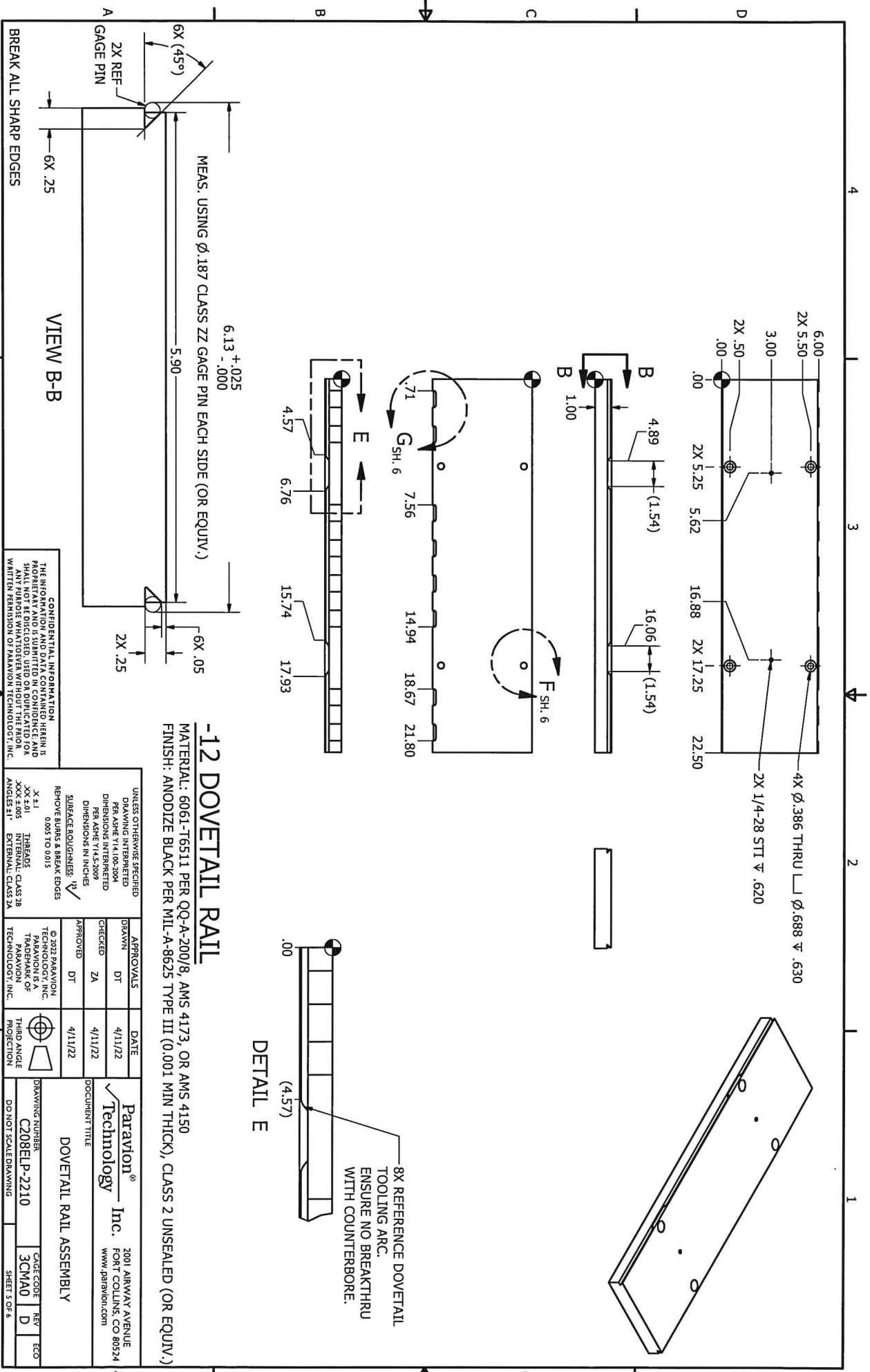
DO NOT SCALE DRAWING

SHEET 2 OF 6



-10 DOVETAIL RAIL
 MATERIAL: 6061-T6511 PER QQ-A-200/8, AMS 4173, OR AMS 4150
 FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE III (0.001 MIN THICK), CLASS 2 UNSEALED (OR EQUIV.)


		UNLESS OTHERWISE SPECIFIED DRAWING INTERPRETED PER ASME Y14.100-2004 DIMENSIONS INTERPRETED PER ASME Y14.5-2009 DIMENSIONS IN INCHES		APPROVALS DRAWN DT CHECKED ZA APPROVED DT		DATE 4/11/22 4/11/22 4/11/22				2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com	
CONFIDENTIAL INFORMATION THE INFORMATION AND DATA CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.		REMOVE BURRS & BREAK EDGES X ±.1 XX ±.01 XXX ±.005 ANGLES ±1		TOLERANCES: 12/ REMOVE BURRS & BREAK EDGES X ±.1 XX ±.01 XXX ±.005 ANGLES ±1		APPROVED DT		DOVETAIL RAIL ASSEMBLY		CAGE CODE RAY ECO	
BREAK ALL SHARP EDGES		VIEW A-A		DO NOT SCALE DRAWING		SHEET 4 of 6					

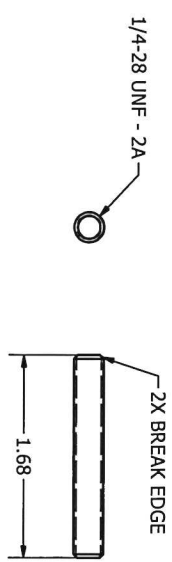
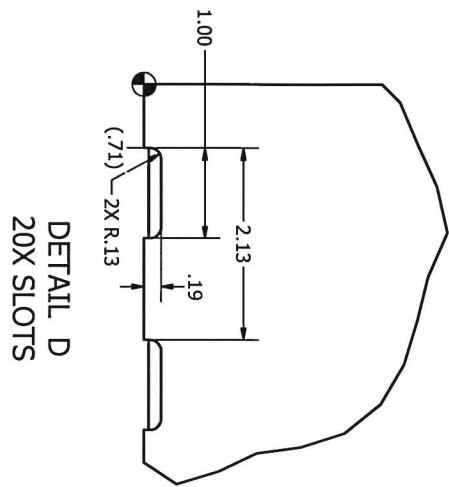
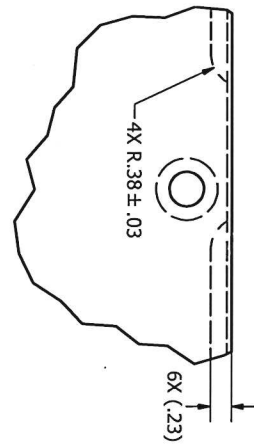
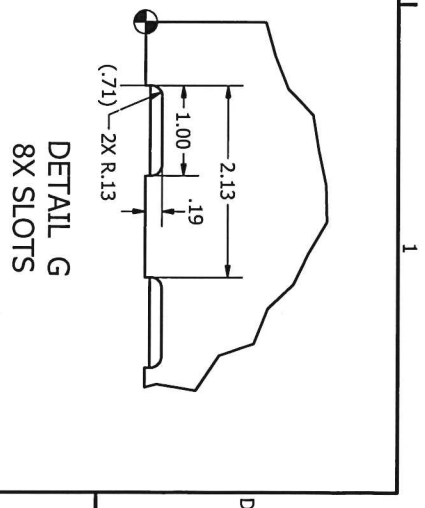
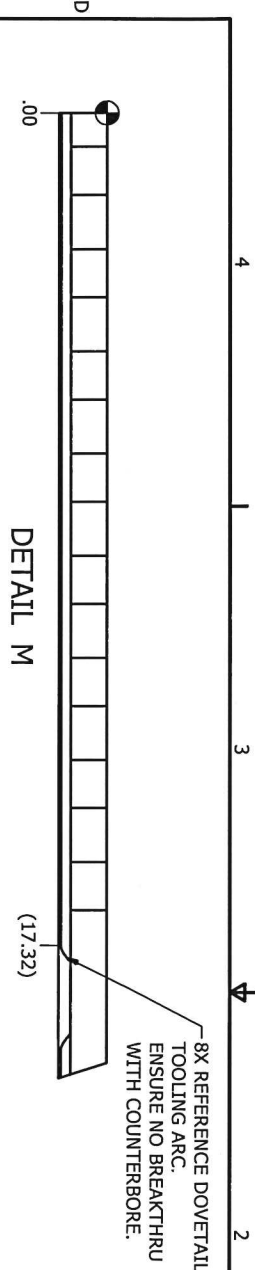


-12 DOVETAIL RAIL

MATERIAL: 6061-T6S11 PER QQ-A-200/8, AMS 4173, OR AMS 4150
FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE III (0.001 MIN THICK), CLASS 2 UNSEALED (OR EQUIV.)

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED HEREIN IS
PROPRIETARY AND IS SUBMITTED IN CONFIDENCE, AND
SHALL NOT BE DISCLOSED OR REPRODUCED IN ANY MANNER
WITHOUT THE WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE		Paravion® Inc. 2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com					
DRAWING INTERPRETED PER ASME Y14.100-2004			DRAWN	DT	4/11/22			DRAWING NUMBER		CAGE CODE	REV	ECO
DIMENSIONS INTERPRETED PER ASME Y14.5-2009			CHECKED	ZA	4/11/22			C208ELP-2210		3CMA0	D	
DIMENSIONS IN INCHES			APPROVED		DT	4/11/22		DO NOT SCALE DRAWING		SHEET 3 OF 6		
SURFACE FINISHES REMOVE BURRS & BREAK EDGES 0.005 TO 0.015												
X 4:1 XX 4:1 XXX 4:1 ANGLES 2:1			© 2022 PARAVION TECHNOLOGY, INC. TRADEMARK OF PARAVION TECHNOLOGY, INC.									
THREADS INTERNAL CLASS 2B EXTERNAL CLASS 2A			THIRD ANGLE PROJECTION									



-11 THREADED ROD

MATERIAL: 316 STAINLESS STEEL PER MIL-S-5059 OR AMS 5524

FINISH: (OPTIONAL) PASSIVATE PER ASTM A967

BREAK ALL SHARP EDGES

CONFIDENTIAL INFORMATION
THE INFORMATION AND DATA CONTAINED HEREIN IS
PROPERTY OF PARAVION TECHNOLOGY, INC. AND
SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR
ANY OTHER PURPOSE WITHOUT THE WRITTEN
PERMISSION OF PARAVION TECHNOLOGY, INC.

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	
DRAWING INTERPRETED	PER ASME Y14.100-2004	DRAWN	DT	4/11/22	
DIMENSIONS INTERPRETED	PER ASME Y14.100-2004	CHECKED	ZA	4/11/22	
DIMENSIONS IN INCHES		APPROVED	DT	4/11/22	
SURFACE ROUGHNESS: 0.005 TO 0.015		© 2022 PARAVION TECHNOLOGY, INC.		DOVETAIL RAIL ASSEMBLY	
REMOVE BURRS & BREAK EDGES		PARAVION IS A TRADEMARK OF TECHNOLOGY, INC.		DRAWING NUMBER: CZ08ELP-2210	
X 1.1: 2X .100 THREADED ROD EXTERNAL CLASS 2A ANGLES 31°		THIRD ANGLE PROJECTION		CASE CODE: 3CMA0	
				REV: D	
				SHEET 6 OF 6	

Paravion[®] Inc. 2001 AIRWAY AVENUE
FORT COLLINS, CO 80524
www.paravion.com